

Application	Boring Bar Type	Shape	Shank Type Max. Overhang Length (L/D)	Coolant Hole		Insert Type	Min. Bore Dia. ϕA															Ref. Page for Toolholder
				Yes	No		5	6	7	8	10	12	14	16	18	20	25	30	32	40	50	
Back Copying	S...SDZC		Steel L/D $\approx$ 3			Positive								●	●		●	●				F52
	S...SDZC-E		Excellent L/D $\approx$ 5			Positive								●	●		●	●		●		
	S...SVZB(C)-E		Excellent L/D $\approx$ 5			Positive									●		●	●		●	●	F62
Boring	S...STUP(B)		Steel L/D $\approx$ 3			Positive				●	●	●		●		●	●		●			F54
	S...STUP(B)-E		Excellent L/D $\approx$ 5			Positive				●	●	●	●	●	●	●	●		●			
	C...STUP(B)		Carbide L/D $\approx$ 7			Positive				●	●	●	●	●	●	●	●					
	A...STUP-E		Excellent L/D $\approx$ 5	●		Positive					●	●	●	●	●	●	●		●			F56
	E...STUP		Carbide L/D $\approx$ 7	●		Positive					●	●	●	●	●	●	●					
	S...CTUP		Steel L/D $\approx$ 3			Positive								●		●	●		●	●	●	F61
	S...PTUN ○○		Steel L/D $\approx$ 3			Negative										●	●	●	●	●	●	F68
	A...PTUN11		Steel L/D $\approx$ 3	●		Negative										●	●		●			
	S...SWUB		Steel L/D $\approx$ 3			Positive		●	●	●												F64
	S...SWUP(B)-E		Excellent L/D $\approx$ 5			Positive					●	●	●	●	●	●	●					
	C...SWUP(B)		Carbide L/D $\approx$ 7			Positive		●	●	●	●	●	●	●	●	●	●					
	S...SSKP		Steel L/D $\approx$ 3			Positive										●	●		●	●		F60
	S...CSKP		Steel L/D $\approx$ 3			Positive										●	●		●	●		

For Min.Bore Dia. ϕA , the figure under ● may be applied depending on the toolholder type.

Toolholders for Bearing Machining (Square Shank)

Application	Boring Bar Type	Shape	Min. Bore Dia. ϕA						Ref. Page for Toolholder
			20	25	30	32	40	50	
Boring	SRCP-B		●			●			F71

Application	Boring Bar Type	Shape	Min. Bore Dia. ϕA						Ref. Page for Toolholder
			20	25	30	32	40	50	
Round-Chamfering	CBSN-B		●						F71

Boring Bars for Ceramic / Solid CBN Tools (L/D $\approx$ 3)

Application	Boring Bar Type	Shape	Min. Bore Dia. ϕA								Ref. Page for Toolholder
			16	18	20	25	30	32	40	50	
Boring / Internal Facing Machining	S...CELN									●	F72
Boring	S...CTUP		●			●	●	●	●	●	F61
	S...CTUC									●	F72
	S...CSKP					●	●	●	●	●	F60
	S...CSKN									●	F72

For Min.Bore Dia. ϕA , the figure under ● may be applied depending on the toolholder type.

Application	Boring Bar Type	Shape	Min. Bore Dia. ϕA						Ref. Page for Toolholder
			20	25	30	32	40	50	
Boring / Internal Facing Machining	S...CCLN-GX						●	●	F73
Boring / Copying Machining	S...CDUN-GX						●	●	F73
Boring Machining	S...CSKN-GX						●	●	F73
Boring / Internal Facing Machining	S...CCLN-A					●		●	F74
Boring	S...CTUN-A					●			F74
	S...CSKN-A					●		●	F74